

10-04-00

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Attorney Docket No. 3863 P 003

PATENT

10/02/00  
JC781 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application of: )  
)  
Thomas H. Tapio )  
)  
For: SYSTEM AND METHOD FOR SHARING )  
OF EXPERT KNOWLEDGE )  
)  
Mailed: October 2, 2000 )  
)

JC675 U.S. PTO  
09/678428  
10/02/00

PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Transmitted herewith for filing under 35 U.S.C. § 111 and 37 C.F.R. 1.53 is the above-identified patent application.

Enclosed are the following documents:

- X 13-page Patent Application (including 5 Claims and Abstract)  
X 25 Figures; and  
X 75 page Appendix.

The filing fee has been calculated as shown below:

			Small Entity		or	Other Than A Small Entity	
For:	No. Filed	No. Extra	Rate	Fee		Rate	Fee
Basic Fee				\$355	or		\$710
Total Claims	5 - 20 =	0	x 9 =	\$	or	x 18 =	\$0
Indep. Claims	3 - 3 =	0	x 39 =	\$	or	x 78 =	\$0
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			x 130 =		or	x 260 =	\$0
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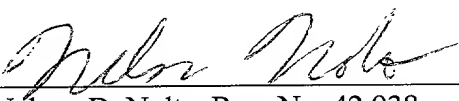
X Any patent application processing fees under 37 C.F.R. § 1.17.

X Any filing fees under 37 C.F.R. § 1.16 for presentation of extra Claims.

Respectfully submitted,

Date: October 2, 2000

By:

  
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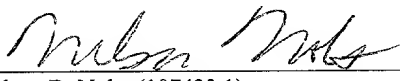
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**U.S. Patent Application**

**In Re U.S. Patent Application Of:** Thomas H. Tapio

**Filed:** October 2, 2000

**For:** **SYSTEM AND METHOD FOR SHARING OF  
EXPERT KNOWLEDGE**

**Attorney Docket No:** 3863 P 003

Enclosures:

- Return Receipt Postcard;
- Express Mail Certification;
- Patent Transmittal Cover Sheet; and
- 13-Page Patent Application, including 5 claims and Abstract.
- 75 Page Appendix
- 25 Figures

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002001 82432360

## **SYSTEM AND METHOD FOR SHARING OF EXPERT KNOWLEDGE**

### **DESCRIPTION**

#### **Related Applications**

The present application claims priority of U.S. Provisional Patent Application Serial No. 60/156,838, filed September 30, 1999. The contents of which are expressly incorporated herein by reference.

#### **Appendix**

The attached Appendix I is a part of the present specification and is hereby incorporated into the application by reference.

#### **Technical Field**

The present invention relates to the field of computer software. More particularly, the present invention relates to a system which enables an expert to easily share the expert's knowledge electronically without having an understanding of the technical system by which the knowledge is being shared.

#### **Background Of The Invention**

In the past, experts in many different areas have been unable to quickly and easily share their knowledge electronically with others. This is because the expert also had to be an expert in the medium by which the files are shared. Specifically, to publish complicated hierarchies of documents on the world wide web, such as documents which ask a series of questions to diagnose a problem, one had to be an expert in web technology. The complexity and time-consuming nature of publishing knowledge electronically have prevented much knowledge from being shared electronically or, at least, have prevented it from being shared with any easily navigated structure.

In order to solve this problem the present invention automates the process of creating hierarchical structures of electronic documents. The hierarchical structure allows the knowledge to be presented to a learner in an interesting and easily navigated way. Other features and advantages of the invention will be apparent from the following detailed description taken in conjunction with the drawings.

### **Summary Of The Invention**

The present invention provides a system and method of creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of receiving the expert's knowledge in an area of expertise, providing a template for the electronic files and generating the electronic files from the expert's knowledge and the template.

### **Brief Description Of The Drawings**

Figure 1 is a diagram of a template in accordance with the present invention;

Figure 2 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 3 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 4 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 5 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 6 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 7 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;

Figure 8 is a display of a generated HTML file in accordance with a preferred embodiment of the present invention;



Figure 23 is a diagram of the database in accordance with a preferred embodiment of the present invention;

Figure 24 is a report of the contents of the database in accordance with a preferred embodiment of the present invention; and,

Figure 25 is a report of the contents of the database in accordance with a preferred embodiment of the present invention.

### **Detailed Description Of The Preferred Embodiment**

While this invention is susceptible of embodiment in many different forms, there will herein be described in detail a preferred embodiment of the invention with the understanding that the present disclosure is to be considered as an exemplification of the principles of the invention and is not intended to limit the broad aspects of the invention to the embodiment illustrated.

The present invention provides a system and method by which experts in a particular field of knowledge can easily and quickly share their knowledge with others electronically. The system simplifies the process for publishing electronic information by not requiring the expert to have detailed knowledge about the system by which the information is published. In the present embodiment of the invention, the knowledge is provided from an expert to a learner by allowing the learner to diagnose a problem the learner is trying to solve by answering questions about the problem. In this manner the learner is taught the solution to the problem to be solved. By answering questions associated with a particular problem, the learner eventually answers enough questions that the solution can be determined. When the proper solution to the learner's problem is determined, the learner is provided with text, images, hyperlinks, video and/or audio, which provide an explanation of each step of the solution to the learner.

The process of the present invention is based upon the idea of using prefabricated code templates as the driving input. Additionally, the invention utilizes descriptions of assets and controls (explained below) that are stored in a database. During the generation

process, the template and the descriptions in the database are automatically integrated into the final output. In its preferred embodiment, the present invention generates applications that result in hypertext markup language ("HTML") and Javascript source code. This creates a World Wide Web look and feel. However, various output formats could be implemented without departing from the principles of the present invention. As such, the present invention should not be limited to HTML and Javascript source code.

In the presently preferred embodiment, the interface for a learner to interact with the present invention is an internet browser which accesses files written in HTML and Javascript. As shown in Figure 1, the HTML files are generated from a template 2 which incorporates knowledge supplied by the expert. The template 2 comprises a site 8, a home page 10 and a navigation bar 12. The navigation bar 12 can link the learner to topics 14, subtopics 15, solutions 16, checklists 18, or collections 32 of multimedia assets. The multimedia assets may be images 20, sound 22, text 24, video 26 or any combination thereof. The multimedia asset can also be a link to multimedia provided from an external source 28. The present list of multimedia assets is representative rather than comprehensive and can include other technologies such as communication with a live person.

In Figure 1, relationship between items is shown by a line with an arrowhead or a line with a circle. Items connected by a line with an arrowhead show a relationship between two distinct items. Items connected by a line with a circle indicate a relationship between an item and a second item which is representative of a group of such items.

A learner can also use the navigation bar 12 to navigate to the home page 10 and the site 8. The home page 10 is the highest level of a particular application, i.e. the highest level of a particular area of expertise. The site 8 contains many home pages 10 which represent many areas of expertise.



Topics 14 contain different concepts to be addressed within an area of expertise. Additionally, as indicated by the line and circle relationship of the topic 14 and subtopics 15, topics 14 may have more than one subtopic 15. Subtopics 15 are associated with rules 30, solutions 16, checklists 18 and collections 32. Rules 30 are associated with solutions 16, checklists 18, collections 32, and rulelogics 34. Rulelogics 34 are associated with a question 36 and a response 38. Checklists are associated with elements 40.

By using HTML files which implement the template 2 of Figure 1, learners can diagnose a problem in order to find a solution. Referring to Figure 2, the previously discussed concepts will be described by way of example. Figure 2 provides a web browser 60 with a left pane 62 which displays a navigation bar 12 and right pane 64 which displays a site 8. The site 8 contains links to several home pages 10, and the navigation bar can contain links to other sites 8.

By clicking on the home page 10 “@Personal Pro Help” the browser changes to show the navigation bar 12 in the left pane 62 which displays links to topics 14 and displays a homepage 10 associated with the “@Personal Pro” link, as in Figure 3.

By clicking on the topic 14 “Interactive FAQ,” the left pane 62 continues to show the topics of Figure 3, but the right pane 64 changes to show the subtopics 15 associated with the chosen topic 14, as in Figure 4.

By clicking on “Establishing a New Site,” which in this case links to a subtopic 15, the left pane 62 continues to display the navigation bar 12 while the right pane 64 displays the question 36 and responses 38, as shown in Figure 5.

After the learner has selected proper responses 38 to the questions 36 and clicks an OK button 66, the rule is executed and the web browser 60 changes to display a solution 16 determined by the rulelogic associated with the rule, as in Figure 6. The solution 16 comprises a checklist 18 having six elements 40. Associated with elements 60 can be multimedia assets 20, 22, 24, 26, 28 or a collection 32. Collections 32 are simply collections of more than one multimedia asset 20, 22, 24, 26, 28.

By clicking on an indicator 68 next to the element 40, the browser 60 changes to display the asset 20, 22, 24, 26, 28 or collection 32 associated with the element 40, as in Figure 7. In the case of Figure 7, an image asset 20 link is shown. By clicking on the image asset 20 link, the image asset 20 is displayed to the learner, as in Figure 8.

5 Referring to Figure 9, the present invention uses four distinct layers of processing in order to generate the HTML files from the template 2. The four layers comprise a graphical user interface (GUI) layer 70, a processing layer 72, a generator layer 74 and a database layer 76. Each layer exists as an independent and self-contained object. The GUI layer 70, the generator layer 74, and the database layer 76 each communicate only with and through the processing layer 72. In the preferred embodiment of the present invention, each layer 70-76 operates on a single computer. However, it is contemplated that the four layers 70-76 could be divided among more than one computer in order to distribute processing and utilize geographically remote computers.

The GUI layer's 70 purpose is to prompt input from the expert, pass information to the processing layer 72, and then display updates back to the expert. It communicates with the processing layer 72 to perform validations and other internal processing of the input.

10 The GUI layer 70 is the primary interface for enabling the expert to merge knowledge into the template 2. The GUI layer 70 includes multiple dialog boxes which  
20 allow the expert to enter parameters for all items associated with the items of the template 2. For example, in Figure 10, a home page parameter window 100 allows the expert to associate information with a home page including a title name, title version, main title, sub title, copyright notice and trademark notice. In Figure 11, a navigation bar parameter window 102 allows the expert to associate information with a navigation  
25 bar, such as a menu item word to display, a menu item letter to underline, menus and topics to be linked to the menus. In Figure 12, a topic/subtopic parameter window 104 allows the expert to associate information with topic and subtopics, such as a window title, topic title, line 1 of the topic, line 2 of the topic, icon filename for the topic, a list

of topics and subtopics, and a linked item to the topic/subtopic. In Figure 13, an image or video asset parameter window 106 allows the expert to associate a multimedia asset with the template 2 by allowing the expert to associate an image name, an image filename, still image/animated image radio button, a video filename, an image/video text caption, as well as options related to the type of video used.

In Figure 14, a text or sound multimedia asset parameter window 108 allows the expert to associate information with a text or sound multimedia asset, such as text name, text filename, text narrative, sound or narration check box, or sound filename. In Figure 15, an external multimedia type parameter window 110 allows the expert to associate information with an external multimedia asset, such as a process name, process description, process filename, web anchor text, and web anchor URL. In Figure 16, a question and response parameter window 112 allows the expert to associate information with a question, such as a question name, a question abbreviation, instruction text, question text, response text, and response order.

In Figure 17, a rule parameter window 114 allows the expert to associate information with a rule, such as a rule number, rule name, a question, a relation, a rule, a rule logic, and a solution name. In Figure 18, a solution parameter window 116 allows the expert to associate information with a solution, such solution name, solution description, a solution checklist, and a solution presentation style. In Figure 19, a checklist parameter window 118 allows the expert to associate information with a checklist, such as checklist number, checklist name, checklist description, checklist elements, and checklist element text. In Figure 20, an element parameter window 120 allows the expert to associate information with an element, such as an element number, an element name, an element text, and element details. In Figure 21, there is provided a window which shows all items in the template 2 in an explorer-style dialog.

In Figure 22, a generate HTML page window 122 is provided. From this window, an expert may assign a title name, title version, MAK Name, EXE Name, input subfolder, output folder, VB folder, object verifications checkboxes, next usage radio

buttons, and a generate command box. When the expert clicks the generate command box, the information provided by the expert through the previously discussed windows is passed to the processing layer 72.

The processing layer 72 receives requests from the GUI layer 70 and the generator layer 74, requests information from a database 78 via the database layer 76, and returns information to the GUI layer 70 and the generator layer 74. It also receives information from the GUI layer 70 and performs validations of data and other internal processing, and inputs the data to the database 78 via the database layer 76.

The generator layer 74 automatically creates the HTML and Javascript files 80. It requests information from the database 78 via the processing layer 72 and the database layer 76, uses template files 2 as additional input, and processes the HTML and Javascript files 80. As the processing begins, the generator determines the template 2 to be used.

Each template is processed independently and in turn references a specific asset type whose descriptive information needs to be accessed in the database for that template. At a deeper level, each template also contains control types that call for specific types of source code to be generated at each of their respective locations in the template. Templates also contain references to text files that contain static, common source code that needs to be generated into their locations as well.

At the most detailed level, as the different control types are being generated, their related properties, stored in the control detail database table, determine specific source code instructions to generate. Some examples of these types of properties include font sizes, font styles, alignments, colors, sizes of images, and web page URLs to link to.

Defaults for the properties of the various control types can be defined by the authoring process and stored in the control default database table. The generator responds to the default values by automatically generating cascading style sheets that in turn are referenced by the generated web pages. This creates a consistent look-and-feel for the same control types that may appear in more than one template.

As the code is being generated it is placed in a location indicated by the author's choices stored in the home page directory database table. Also, at the author's option, a history can be maintained of which output files have changed since the previous generation process has been run for that template group.

5           The database layer 76 interfaces directly with the database. The database typically comprises a database management system, such as Oracle, SQL or Microsoft Access. It receives requests for information, input data and instructions from the processing layer 72. The database layer 76 is the only layer that needs to be aware of the specific database management system being implemented. Referring to Figure 23, the database is constructed using multiple linked tables, as shown, the construction of such database is shown in Appendix I.

10           The present invention is capable printing reports to the expert which display the properties of every item within the database. Referring to Figure 24, there is shown a report for showing all of the rulelogic associated with each individual rule. In Figure 25, there is shown a report showing the questions within the database and the responses associated with each question.

15           Finally, while the preferred embodiment of the present invention is a locally executed application, it is further contemplated that the GUI layer 70 could be implemented to communicate to an expert via a web page rather than as a locally executed program. In such an embodiment, the layers 70-76, database 78 and HTML files 80 would exist on one or more web servers which communicate with the expert through the Internet and a web browser. Additionally, either embodiment could further implement a step of automatically publishing the HTML files to a web server connected to the Internet.

20           It will be understood that the invention may be embodied in other specific forms without departing from the spirit or central characteristics thereof. The present embodiment, therefore, is to be considered in all respects as illustrative and not restrictive, and the invention is not to be limited to the details given herein.

25



### CLAIMS

What is claimed is:

1. A method of creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of:

receiving the expert's knowledge in an area of expertise;  
providing a template for the electronic files; and,  
generating the electronic files from the expert's knowledge and the template.

2. A system for creating electronic files for solving a problem for a learner from the knowledge of an expert comprising the steps of:

means for receiving the expert's knowledge in an area of expertise;  
means for providing a template for the electronic files; and,  
means for generating the electronic files from the expert's knowledge and the template.

3. A method of solving a problem for a learner comprising the steps of:

receiving questions and possible responses from an expert;  
transmitting the questions and possible responses to the learner;  
receiving chosen responses to the questions from the learner;  
determining the learner's problem from learner's chosen responses; and  
providing a solution to the learner's problem.

4. The method of claim 3 wherein the step of providing a solution to the learner's problem comprises the step of providing a list of instructions for the learner to follow to solve the problem.

5. The method of claim 4 further comprising the step of providing a link for the learner to follow in order to obtain further information about how to perform each step.

## 5

5



# Levels of Template

Fig. 1

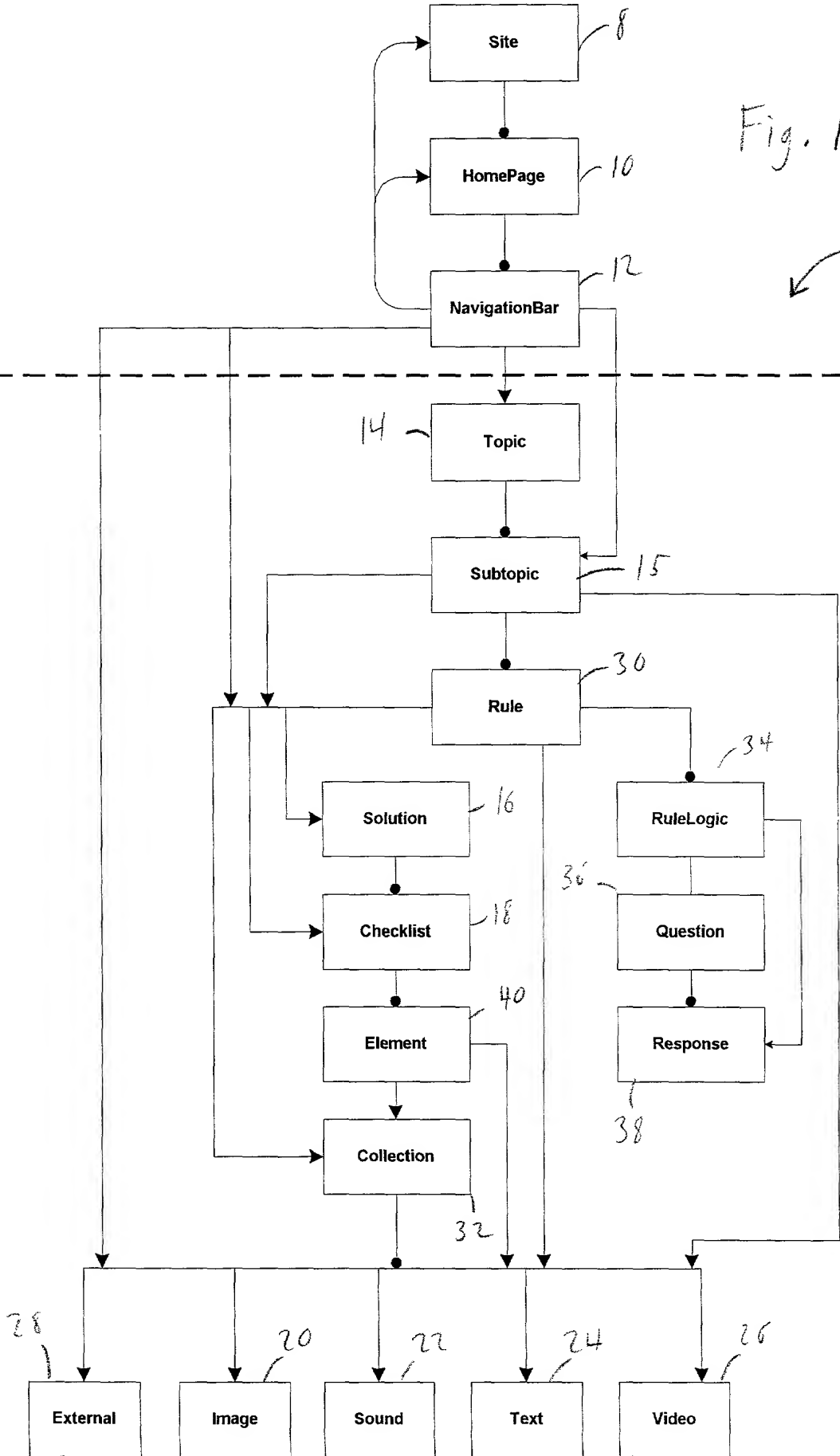
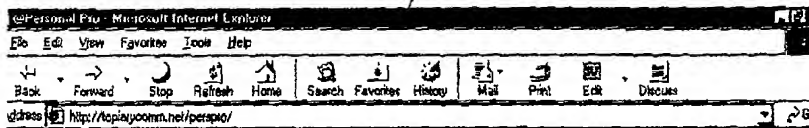


Fig. 2



@PP

## Web Sites

BACKGROUND

WEB SITES

PRODUCTS

PURCHASING

CONTACTING US

HOME

### Sites Under Development

- 10 • @Personal Pro Help - The actual @Personal Pro Help site
- 10 • Risk Management - Template for a site that supports the Risk Management function
- 10 • Kraff Eye Institute - Ophthalmology site demonstrating interactive patient education
- 10 • Golf Instruction - Interactive golf instruction tailored to your game and its problems

< Home

62  
64  
66  
68  
70  
72  
74  
76  
78  
80  
82  
84  
86  
88  
90  
92  
94  
96  
98  
100

Fig. 3

12

10


60

**@Personal Pro HELP - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address <http://topiarycomm.net/perspro/help/prod1.htm>



GETTING STARTED

PLATFORMS

MENUS


TIPS & HINTS

INTERACTIVE

FAQ

TUTORIAL

HOME



## @Personal Pro HELP

Helping You Share Your Expertise

@PERSONAL PRO Help is your personal bridge to providing effective solutions.

This help system has been completely authored by using @PERSONAL PRO, and no manual coding was done to create it. This authoring was done as the final Alpha level test of @PERSONAL PRO.

If you are looking at this Help system in the standard windows Help format, the final step in creating this system was to convert it from HTML to a standard Help file by using an automatic conversion product.

Copyright © 1998-1999  
Software Development Productivity, Inc.

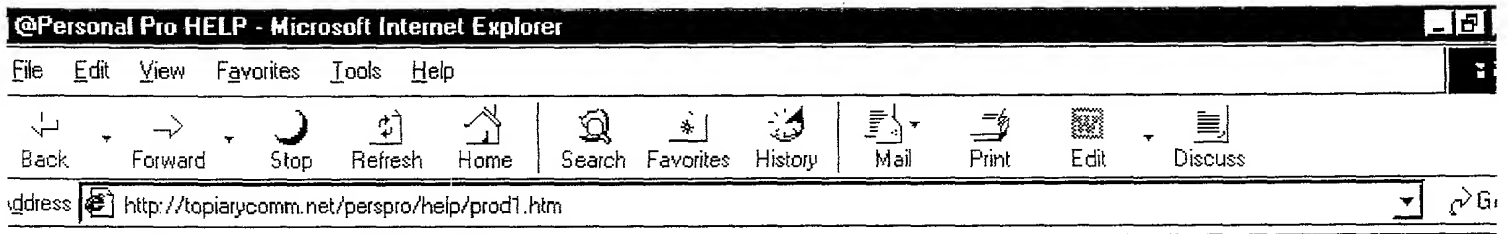
Done Internet


62

64

Fig. 4

66



  
GETTING  
STARTED  
PLATFORMS  
MENUS  
TIPS & HINTS  
INTERACTIVE  
FAQ  
TUTORIAL  
HOME

### File Menu Procedures

- Establishing a New Site - How to set up a completely new site
- Opening an Existing Site - How to open a site that already exists
- Creating a New Title - How to set up a completely new title
- Opening an Existing Title - How to open a title that already exists
- Adding a New Subject - How to set up a completely new subject
- Opening an Existing Subject - How to open a subject that already exists

< Home

For accurate results, please answer all of the questions. Then click 'OK'...

Internet

67

68

Fig. 5

60


@Personal Pro HELP - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address <http://topiarycomm.net/perspro/help/prod1.htm>

## Establishing a New Site



GETTING STARTED 36→ Determine whether a Windows folder exists for the Site:  
Does a folder already exist for the intended Site?  
Choose One:

PLATFORMS 38→

MENUS 36→ Consider the type of filename extension you would like for the Site:  
Which type of filename extension do you want to establish?  
Choose One:

TIPS & HINTS 38→

INTERACTIVE 36→ Determine how you want to create the new Site:  
Which method do you wish to use to create the Site?  
Choose One:

FAQ

TUTORIAL 38→

HOME

OK Clear < Home

For accurate results, please answer all of the questions. Then click 'OK'...

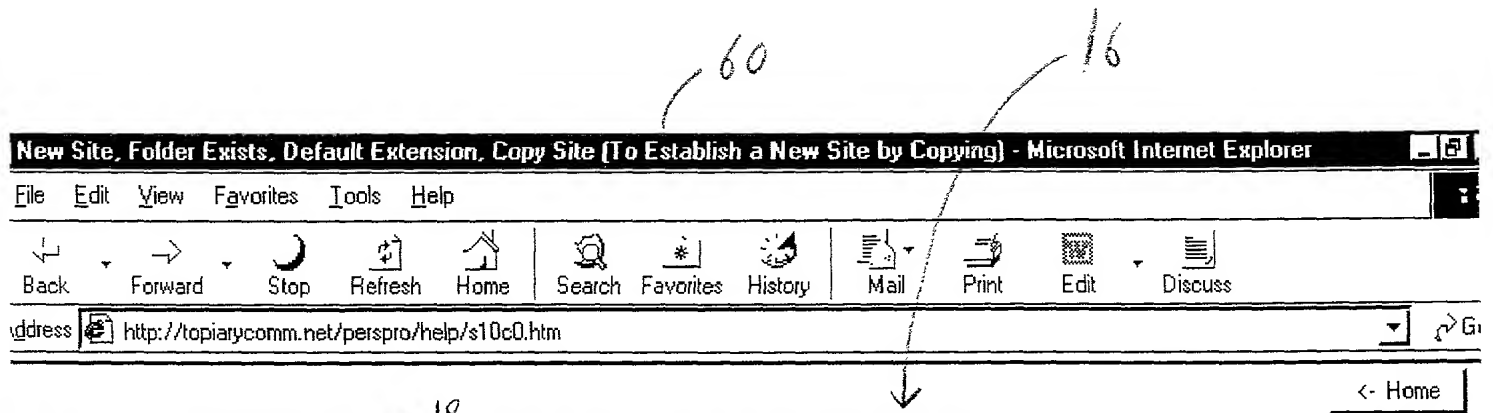
Internet

66

62

64

Fig. 6



### Perform the Following Steps:

1. Using Windows, copy an existing Site file into the existing folder as a new filename with the '@pp' extension.
2. Click the File menu.
3. Click the Open Site option under the File menu.
4. In the File Open dialog select the folder that contains the new Site.
5. Select the new Site's filename having a file extension of '@pp'.
6. Click the Open button on the Open File dialog.

Fig. 7

60

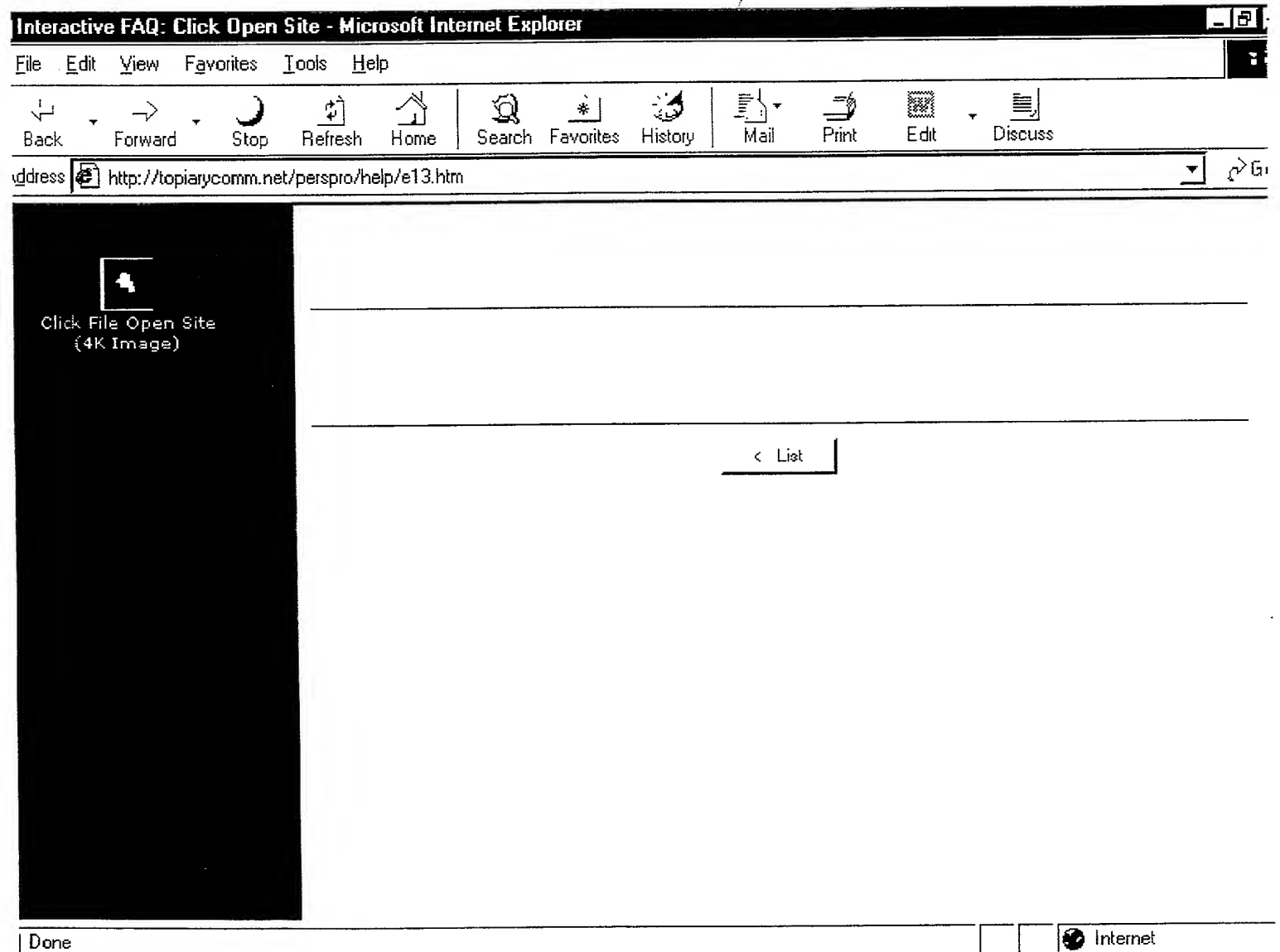
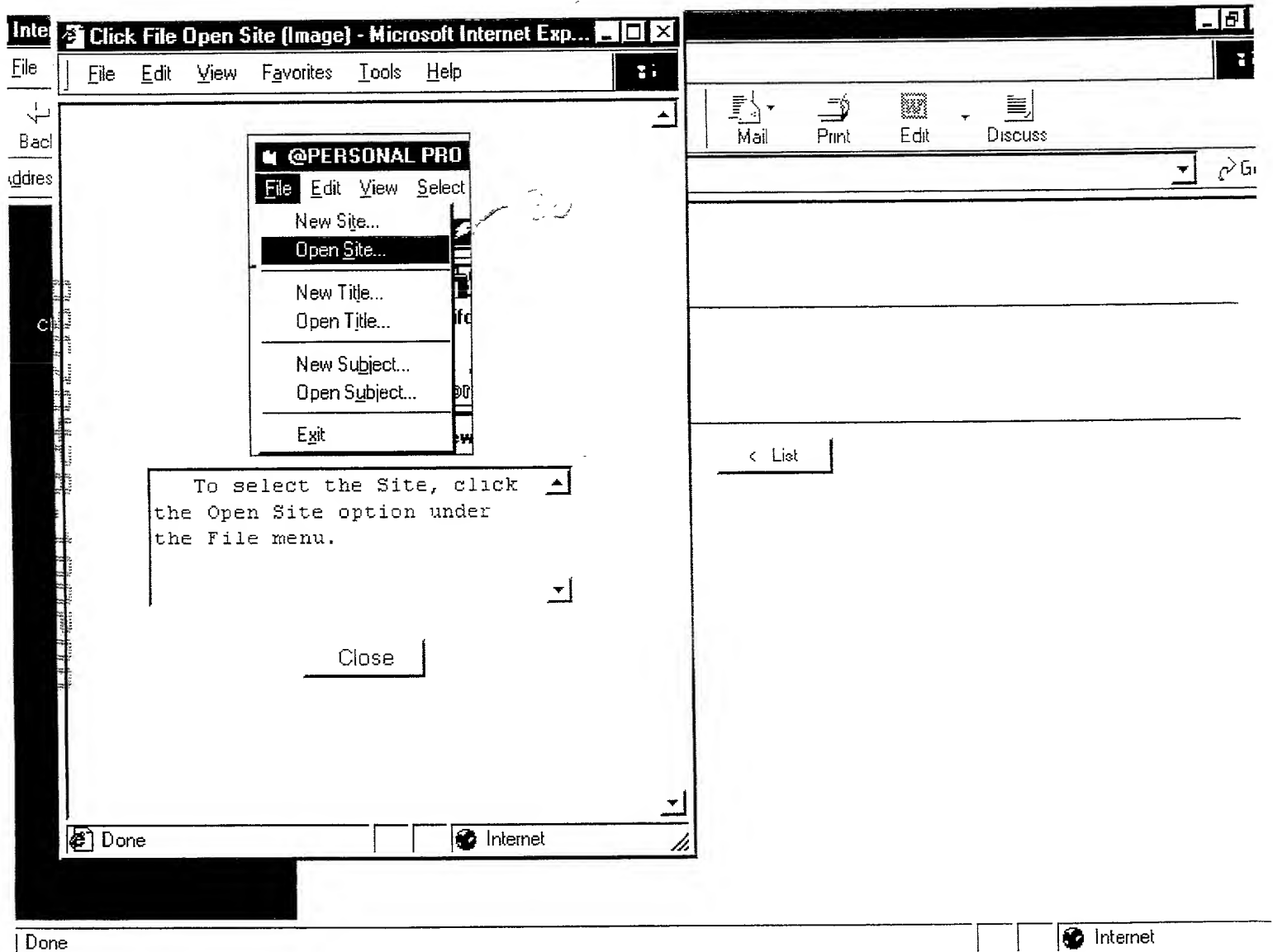


Fig. 8





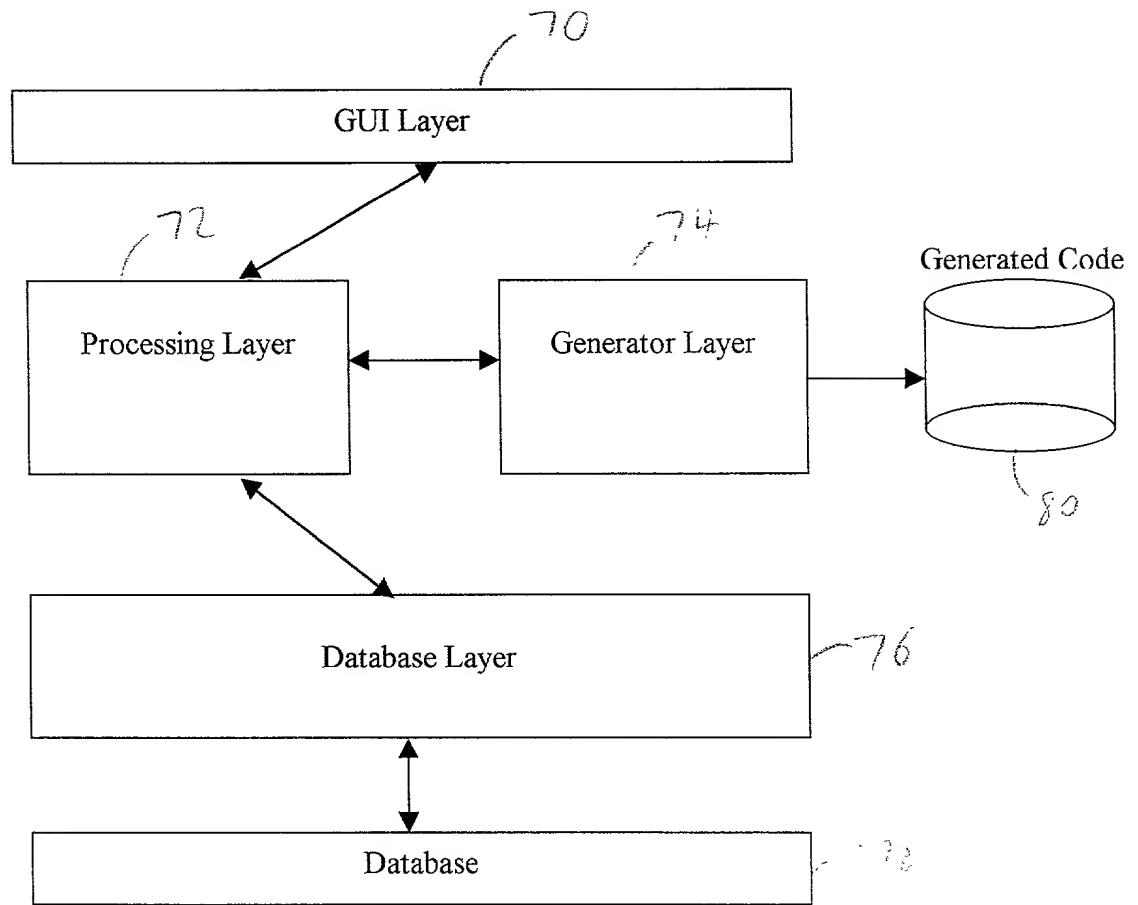


Fig. 9

[illegible]

— 100

✓ 102

11.5

000001 " 8248/960

104

**Topics - Web Sites**

**Titles**

Window Title:

Topic Title:

Show

**Topic/Subtopic Descriptions**

Line 1:  Line 2:

Icon Filename:

← → ↑ ↓ Insert Replace Remove

**Topics/Subtopics**

- Sites Under Development
- @Personal Web Site
- ...Risk Management
- ...Kraff Eye Institute
- ...Golf Instruction

Description:

Link

Save Cancel

Figure 2

106

**Image Dialog - @Personal Pro Multimedia**

**Names**

Image Name:

Image Filename: ☐

☒ Still Image ☐ Animated Image

Video Filename: ☐

**Text**

Image/Video Text:

Slide 4 of 8, showing that @Personal Pro discovers problems or needs by asking questions, and then identifies a solution which may include a whole set of multimedia objects.

**Video Frame**

☐ Still ☐ Video ☐ Audio

**Video Options**

☐ No Video Looping ☒ Start Draw ☐ Auto Pause

☐ No Preview ☒ Start On Request ☐ Zoom

☐ No Sound

Fig. 3

Fig. 14

109

**Text Dialog - Description**

Names

Text Name:

Text Filename: ☐

Text Narrative

Options

☐ Sound or Narration Sound Filename:

**External Process - @Personal Pro Help**

Name

Process Name:

Description

Process Description:

Follow the hotlink below for assistance in using the @Personal Pro  
authoring tool.

Link

Process Filename: ☐

Web Anchor Text:

Web Anchor URL:

Fig. 15

002007 828428 400200

112

**Question Dialog - Also Hooking**

Question:

Question Abbr:

Instruction Text:

Question Text:

Responses

Response Text:

Responses:

Fig. 16

002001" B248/960

114

**Rule - Slicing Grip**

**Identifiers**  
Rule Number: 011020  
Rule Name: Slicing Grip

**Rule Description**  
Question: [Empty]  
Relation: [Empty]  
Response: [Empty]  
Logic: [Empty]

↑ ↓    Insert    Replace    Remove

Question	Relation	Response	Logic
Start on Target	Equal to	Yes	And
Long Shots Worst	Equal to	Yes	And
Height of Flight	Equal to	High	Then

**Solution**  
Solution Name: [Empty]    Solutions: [Empty]

Delete    Save    Cancel

Fig-17



002007 82487560

116

**Solution - Slicing Grip**

Identifier

Solution Name:

Description

Solution Desc:

Checklists

Checklists

1110	Slicing Grip Negative
1114	Slicing Grip Positive
1116	Slicing Grip Complete

Option

☒ None ☐ Numbered ☐ Bullet Points

Fig. 18



002001 92487960

118

**Checklist - Slicing Grip Positive**

**Identifiers**

Checklist Number: 1114

Checklist Name: Slicing Grip Positive

**Description**

Checklist Desc: Swing Elements You Must Emphasize

**Elements**

↑ ↓ Insert Replace Remove Element

Elements	
10050	Address
10075	Grip with Left Hand
10100	Grip with Right Hand
10185	Align Square
10280	Lighten Grip Pressure

**Element Text**

Delete Save Cancel

Fig. 19

002007 82482960

120

**Element - Grip with Left Hand**

Identifiers  
Element Number: 10075  
Element Name: Grip with Left Hand

Element Test  
☐ Heading ☒ Detail Item  
Grip firmly with left hand, showing two or three knuckles.

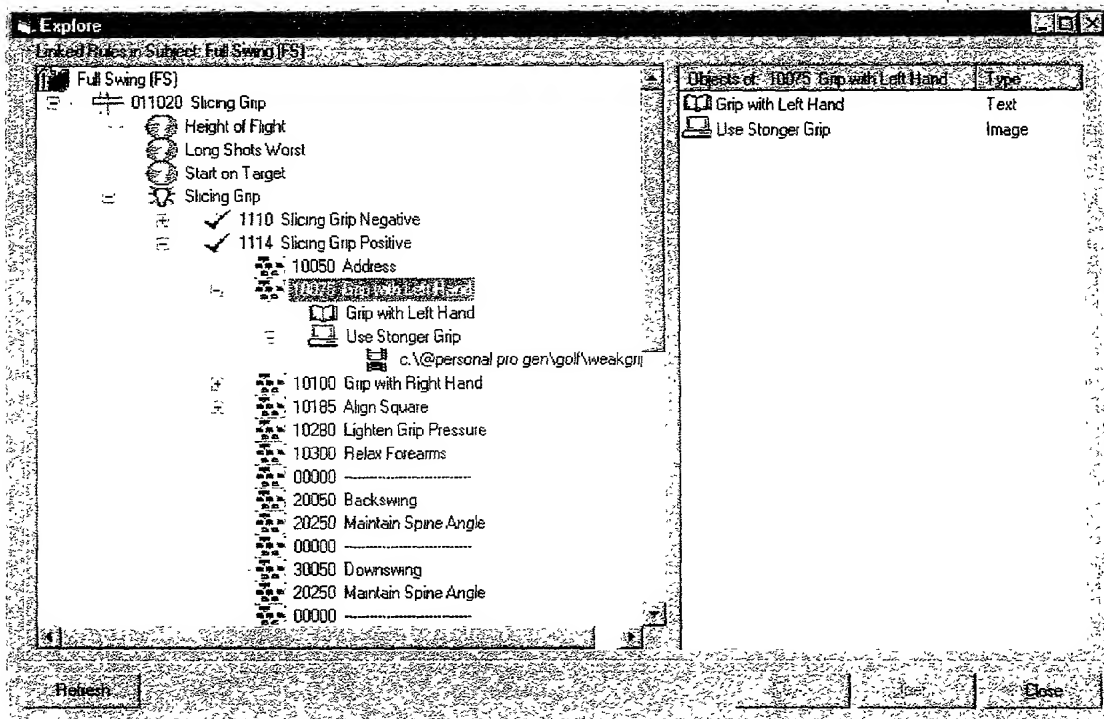
Details  
Image Name: D:\Content\B11 Image...  
Text Name: Grip with Left Hand Text...

Additional  
Text Box 1  
Text Box 2

Delete OK Save Cancel

Fig. 20

002001 8248/860



F. 21

122

**Generate Title**

**Identifiers**

Title Name: Personal Pro

Title Version: Prod

MSH Name: perspro

EXE Name: perspro

Input Subfolder: Working Template II

Output Folder: ☐ C:\Program Files\Microsoft Visual Studio\

V8 Folder: ☐

**Object Verifications**

☒ Display Unlinked Rules, Images, Texts ☒ Check for Missing Object Files

**Next Usage**

☐ Development/Test ☒ Production/Distribution

**Generate**

**Generate Code**

**Compile**

**Cancel**

Fig. 22

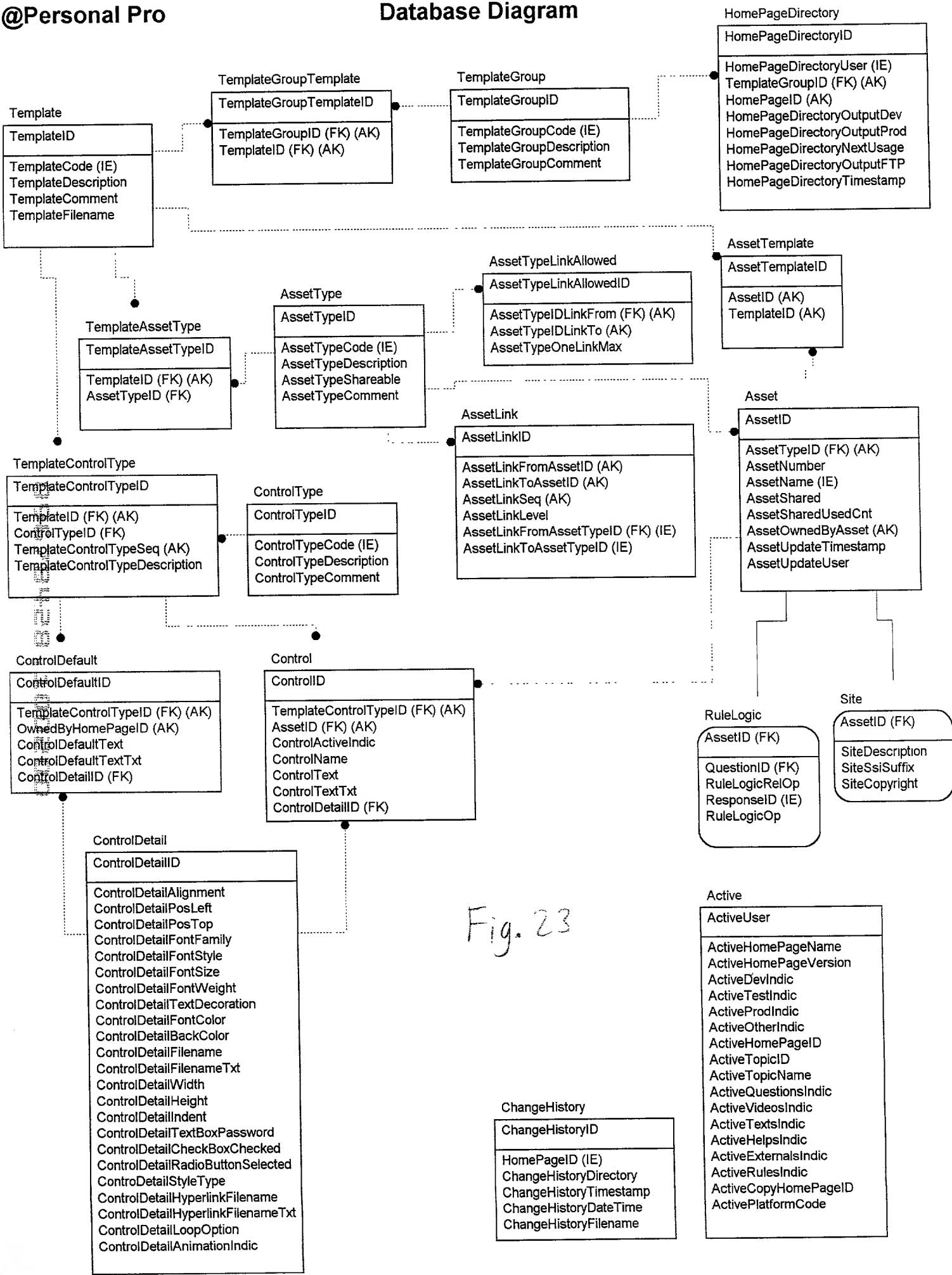


Fig. 23

Title Name: **Personal Pro**  
Subject Name: **Full Swing (FS)**

Logic

Relationship Operator      Response

**005010      Hooking Low Upright**

Low Upright

Solution Name:  
Solution Description: Solution for Hitting Low, Thin, or Hooking: Swing Straighter and Around

Start on Target  
Start Right  
Height of Flight  
Occasionally Push  
Tee Shots Best  
Iron Shots Thin  
Frequency Hit Fat  
Frequency Hit Fat

Equal to  
Equal to  
Equal to  
Equal to  
Equal to  
Equal to  
Equal to  
Equal to

Or  
And  
And  
And  
And  
Or  
Or  
Then

**005015      Hooking Slicing Posture**

Slicing Posture

Solution Name:  
Solution Description: Solution for Slicing, Hooking, or Hitting Fat or Thin: More Upright Posture

Start on Target  
Iron Shots Thin  
Frequency Hit Fat  
Frequency Hit Fat

Equal to  
Equal to  
Equal to  
Equal to

And  
Or  
Or  
Then

**005030      Hooking Forward Pushing**

Hooking Forward

Solution Name:  
Solution Description: Solution for Hooking, Hitting Low, or Pushing: Move Ball Forward

Start Right  
Pushing Short Irons  
Occasionally Push  
Height of Flight  
Height of Flight

Equal to  
Equal to  
Equal to  
Equal to  
Equal to

And  
Or  
And  
Or  
Then

# Question Dialogs Master List

Title Name: **Personal Pro**  
Subject Name: **Full Swing (FS)**

<u>Responses</u>	<u>Image Name</u>	<u>Text Name</u>
	<b><u>Question Name:</u></b> <b>Also Hooking</b>	<b><u>Question Abbreviation:</u></b> Also Hooking
	<b><u>Question Instruction:</u></b> Determine if your shots are hooking:	
	<b><u>Question Text:</u></b> Are your well-hit shots hooking to your left?	
No		
Yes		
Not Sure		
	<b><u>Question Name:</u></b> <b>Frequency Hit Fat</b>	<b><u>Question Abbreviation:</u></b> Frequency Hit Fat
	<b><u>Question Instruction:</u></b> Observe how often you hit the ball fat:	
	<b><u>Question Text:</u></b> How often do you hit the ground behind the ball, hitting it fat?	
Almost Never		
Sometimes		
Frequently		
Not Sure		
	<b><u>Question Name:</u></b> <b>Handicap Rating</b>	<b><u>Question Abbreviation:</u></b> Handicap Rating
	<b><u>Question Instruction:</u></b> Estimate your handicap rating:	
	<b><u>Question Text:</u></b> What is your handicap rating for eighteen holes?	
Zero to Two		
Three to Four		
Five to Six		
Seven to Eight		
Nine to Eleven		
Twelve to Fifteen		
Sixteen to Twenty		
Twenty-One or Over		
Not Sure		
	<b><u>Question Name:</u></b> <b>Height of Flight</b>	<b><u>Question Abbreviation:</u></b> Height of Flight
	<b><u>Question Instruction:</u></b> Observe the height of your full shots:	
	<b><u>Question Text:</u></b> How high do your full shots usually fly?	
Low		

# Appendix I



Date Created:	03/07/1994 9:01:22 PM	Def. Updatable:	True
Description:	Maintains a record of currently active GUI options between authoring sessions	Last Updated:	09/27/2000 12:31:39 PM
OrderByOn:	False	RecordCount:	1
Validation Text:	Maintains a record of currently active GUI options between authoring sessions		

Name	Type	Size
ActiveUser	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	1	
Required:	False	
Source Field:	ActiveUser	
Source Table:	Active	
ActiveHomePageName	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	ActiveHomePageName	
Source Table:	Active	
ActiveHomePageVersion	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	ActiveHomePageVersion	
Source Table:	Active	

ActiveDevIndic	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	4	
Required:	False	
Source Field:	ActiveDevIndic	
Source Table:	Active	

ActiveTestIndic	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	5	
Required:	False	
Source Field:	ActiveTestIndic	
Source Table:	Active	

ActiveProdIndic	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	6	
Required:	False	
Source Field:	ActiveProdIndic	
Source Table:	Active	

ActiveOtherIndic	Yes/No	
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	7	
Required:	False	
Source Field:	ActiveOtherIndic	
Source Table:	Active	

ActiveHomePageID		Number (Long)	4
AllowZeroLength:	False		

**Abstract**

The purpose of this study was to determine whether the use of a computerized program could improve the accuracy of the measurement of the maximum voluntary contraction (MVC) force of the biceps brachii muscle. The MVC force was measured by a dynamometer attached to the forearm and the upper arm. The subjects were asked to perform a maximal voluntary contraction of the biceps brachii muscle while standing and while sitting. The results showed that the use of the computerized program improved the accuracy of the measurement of the MVC force of the biceps brachii muscle. The mean MVC force was significantly higher when the subjects were standing than when they were sitting. The use of the computerized program resulted in a more accurate measurement of the MVC force of the biceps brachii muscle.

Attributes:	Fixed Size
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
DisplayControl:	Text Box
Ordinal Position:	8
Required:	False
Source Field:	ActiveHomePageID
Source Table:	Active

ActiveTopicID	Number (Long)	4
---------------	---------------	---

AllowZeroLength:	False
Attributes:	Fixed Size
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
DisplayControl:	Text Box
Ordinal Position:	9
Required:	False
Source Field:	ActiveTopicID
Source Table:	Active

ActiveTopicName	Text	50
-----------------	------	----

AllowZeroLength:	False
Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
DisplayControl:	Text Box
Ordinal Position:	10
Required:	False
Source Field:	ActiveTopicName
Source Table:	Active

ActiveQuestionsIndic	Yes/No	1
----------------------	--------	---

AllowZeroLength:	False
Attributes:	Fixed Size
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
DisplayControl:	Text Box
Ordinal Position:	11
Required:	False
Source Field:	ActiveQuestionsIndic
Source Table:	Active

ActiveVideosIndic	Yes/No	1
-------------------	--------	---

AllowZeroLength: False



ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
DisplayControl:	Text Box
Ordinal Position:	16
Required:	False
Source Field:	ActiveRulesIndic
Source Table:	Active

ActiveCopyHomePageID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
DisplayControl:	Text Box	
Ordinal Position:	17	
Required:	False	
Source Field:	ActiveCopyHomePageID	
Source Table:	Active	

ActivePlatformCode	Text	2
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	18	
Required:	False	
Source Field:	ActivePlatformCode	
Source Table:	Active	

## Table Indexes

Name	Number of Fields
Active	1
Clustered:	False
Distinct Count:	1
Foreign:	False
Ignore Nulls:	False
Name:	Active
Primary:	True
Required:	True
Unique:	True
Fields:	ActiveUser, Ascending

Date Created:	06/13/2000 1:38:12 PM	Def. Updatable:	True
Description:	Basic descriptions of all Assets such as Web page formats, rules, and multimedia objects	Last Updated:	09/27/2000 12:32:02 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Basic descriptions of all Assets such as Web page formats, rules, and multimedia objects		

Name	Type	Size
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetID	
Source Table:	Asset	
AssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetTypeID	
Source Table:	Asset	
AssetNumber	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetNumber	

Source Table:	Asset		
AssetName		Text	50
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	4		
Required:	False		
Source Field:	AssetName		
Source Table:	Asset		
AssetShared		Yes/No	1
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	106		
Format:	Yes/No		
Ordinal Position:	5		
Required:	False		
Source Field:	AssetShared		
Source Table:	Asset		
AssetSharedUsedCnt		Number (Long)	4
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		
DisplayControl:	Text Box		
Ordinal Position:	6		
Required:	False		
Source Field:	AssetSharedUsedCnt		
Source Table:	Asset		
AssetOwnedByAsset		Number (Long)	4
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		
Description:	so far it is a NavigationBarID and helps to have unique AssetName		

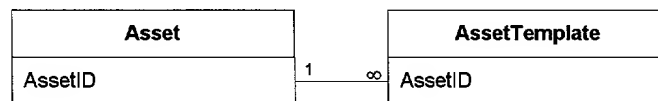
DisplayControl:	Text Box
Ordinal Position:	7
Required:	False
Source Field:	AssetOwnedByAsset
Source Table:	Asset

AssetUpdateTimestamp	Date/Time	8
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Format:	General Date	
Ordinal Position:	9	
Required:	False	
Source Field:	AssetUpdateTimestamp	
Source Table:	Asset	

AssetUpdateUser	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	10	
Required:	False	
Source Field:	AssetUpdateUser	
Source Table:	Asset	

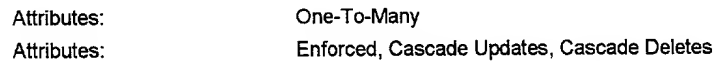
## Relationships

## AssetAssetTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many





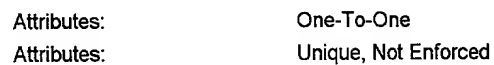
Asset	Image (del)
AssetID	AssetID

### AssetQuestion

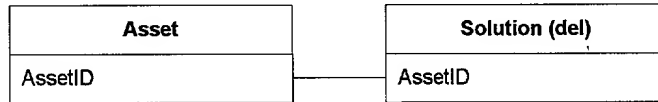


Asset	RuleLogic
AssetID	AssetID

## AssetSite

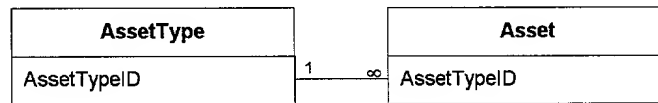


**AssetSolution**



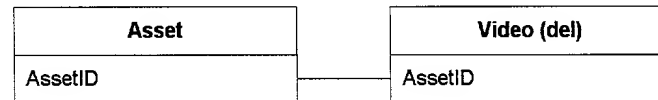
Attributes: One-To-One  
Attributes: Unique, Not Enforced

**AssetTypeAssetShared**



Attributes: One-To-Many  
Attributes: Enforced, Cascade Updates, Cascade Deletes

**AssetVideo**



Attributes: Unique, Not Enforced  
Attributes: One-To-One

**Table Indexes**

Name	Number of Fields
Asset	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	Asset
Primary:	True
Required:	True
Unique:	True
Fields:	AssetID, Ascending
AssetName	3
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetName
Primary:	False



### Properties

Date Created: 06/12/2000 10:48:40 AM Def. Updatable: True  
Description: Describes the links between Assets Last Updated: 09/27/2000 12:32:19 PM  
OrderByOn: False RecordCount: 0  
Validation Text: Describes the links between Assets

### Columns

Name	Type	Size
AssetLinkID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetLinkID	
Source Table:	AssetLink	
AssetLinkFromAssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetLinkFromAssetID	
Source Table:	AssetLink	
AssetLinkToAssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetLinkToAssetID	
Source Table:	AssetLink	

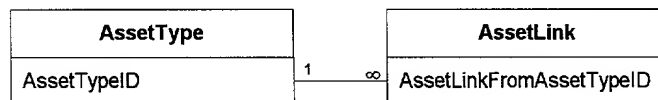
002001"32432960

AssetLinkSeq	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	Maintains sequence of from-asset to to-asset links under each from-asset	
DisplayControl:	Text Box	
Ordinal Position:	4	
Required:	False	
Source Field:	AssetLinkSeq	
Source Table:	AssetLink	
AssetLinkLevel	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	Value is zero for all tables except when NavigationBar and Subtopic are the to-asset	
DisplayControl:	Text Box	
Ordinal Position:	5	
Required:	False	
Source Field:	AssetLinkLevel	
Source Table:	AssetLink	
AssetLinkFromAssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	6	
Required:	False	
Source Field:	AssetLinkFromAssetTypeID	
Source Table:	AssetLink	
AssetLinkToAssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	

ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	Default
Decimal Places:	Auto
Default Value:	0
DisplayControl:	Text Box
Ordinal Position:	7
Required:	False
Source Field:	AssetLinkToAssetTypeID
Source Table:	AssetLink

### Relationships

#### AssetTypeAssetLink



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

### Table Indexes

Name	Number of Fields
AssetLink	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetLink
Primary:	True
Required:	True
Unique:	True
Fields:	AssetLinkID, Ascending
AssetLinkFromAssetType	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetLinkFromAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	AssetLinkFromAssetTypeID, Ascending
AssetLinkSeq	3
Clustered:	False
Distinct Count:	0
Foreign:	False

Ignore Nulls:	False
Name:	AssetLinkSeq
Primary:	False
Required:	False
Unique:	True
Fields:	AssetLinkFromAssetID, Ascending AssetLinkToAssetID, Ascending AssetLinkSeq, Ascending
AssetLinkToAssetType	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetLinkToAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	AssetLinkToAssetTypeID, Ascending
AssetTypeAssetLink	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetTypeAssetLink
Primary:	False
Required:	False
Unique:	False
Fields:	AssetLinkFromAssetTypeID, Ascending

Date Created:	09/25/2000 2:50:41 PM	Def. Updatable:	True
Description:	Defines which Template(s) an Asset is included in	Last Updated:	09/27/2000 12:32:37 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Defines which Template(s) an Asset is included in		

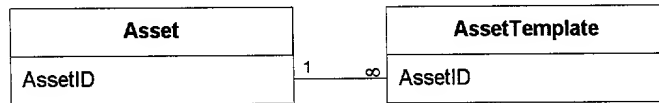
Name	Type	Size
AssetTemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetTemplateID	
Source Table:	AssetTemplate	
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetID	
Source Table:	AssetTemplate	
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	TemplateID	



Source Table: AssetTemplate

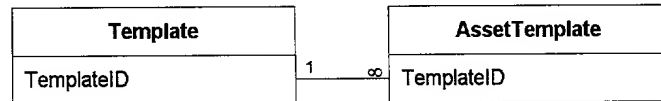
### Relationships

#### AssetAssetTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

#### TemplateAssetTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

### Table Indexes

Name	Number of Fields
AssetAssetTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetAssetTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	AssetID, Ascending
AssetTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetTemplate
Primary:	True
Required:	True
Unique:	True
Fields:	AssetTemplateID, Ascending
AssetTemplates	2
Clustered:	False

002007 "32432950

Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetTemplates
Primary:	False
Required:	False
Unique:	True
Fields:	AssetID, Ascending TemplateID, Ascending
TemplateAssetTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateAssetTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending

### Properties

Date Created:	06/02/2000 5:47:47 PM	Def. Updatable:	True
Description:	Defines which Asset Types are allowed and whether they are shareable	Last Updated:	09/27/2000 12:32:55 PM
OrderByOn:	False	RecordCount:	20
Validation Text:	Defines which Asset Types are allowed and whether they are shareable		

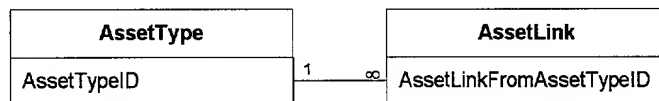
### Columns

Name	Type	Size
AssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1305	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetTypeID	
Source Table:	AssetType	
AssetTypeCode	Text	3
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1605	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetTypeCode	
Source Table:	AssetType	
AssetTypeDescription	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2175	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetTypeDescription	
Source Table:	AssetType	

AssetTypeShareable	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2100	
DisplayControl:	106	
Format:	Yes/No	
Ordinal Position:	4	
Required:	False	
Source Field:	AssetTypeShareable	
Source Table:	AssetType	
AssetTypeComment	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	4530	
DisplayControl:	Text Box	
Ordinal Position:	5	
Required:	False	
Source Field:	AssetTypeComment	
Source Table:	AssetType	

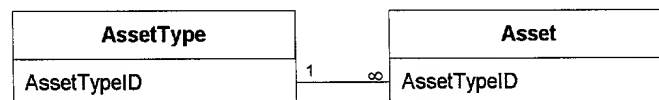
#### Relationships

##### AssetTypeAssetLink



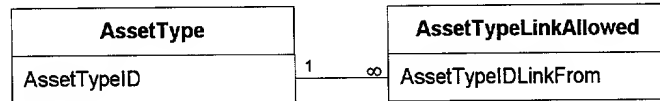
Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

##### AssetTypeAssetShared



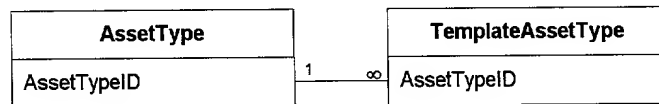
Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

#### AssetTypeAssetTypeLinkAllowed



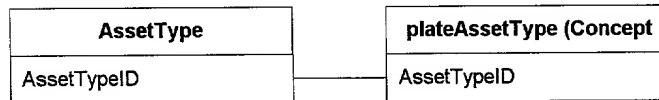
Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

#### AssetTypeTemplateAssetType



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

#### Reference1



Attributes: Not Enforced  
Attributes: One-To-Many

#### Table Indexes

Name	Number of Fields
AssetType	1
Clustered:	False
Distinct Count:	19
Foreign:	False
Ignore Nulls:	False
Name:	AssetType
Primary:	True
Required:	True
Unique:	True
Fields:	AssetTypeID, Ascending
AssetTypeType	1
Clustered:	False
Distinct Count:	19
Foreign:	False
Ignore Nulls:	False
Name:	AssetTypeType
Primary:	False

Required:	False
Unique:	True
Fields:	AssetTypeCode, Ascending

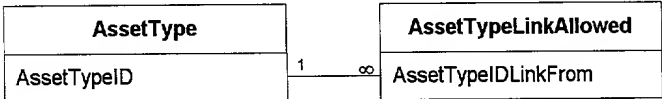
Date Created:	06/12/2000 2:08:14 PM	Def. Updatable:	True
Description:	Defines which Assets are allowed to be linked to each other	Last Updated:	09/27/2000 12:33:13 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Defines which Assets are allowed to be linked to each other		

Name	Type	Size
AssetTypeLinkAllowedID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2490	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetTypeLinkAllowedID	
Source Table:	AssetTypeLinkAllowed	
AssetTypeIDLinkFrom	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2205	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	AssetTypeIDLinkFrom	
Source Table:	AssetTypeLinkAllowed	
AssetTypeIDLinkTo	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1950	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	AssetTypeIDLinkTo	

Source Table:		AssetTypeLinkAllowed	
AssetTypeOneLinkMax		Yes/No	1
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2760		
DisplayControl:	106		
Format:	Yes/No		
Ordinal Position:	4		
Required:	False		
Source Field:	AssetTypeOneLinkMax		
Source Table:	AssetTypeLinkAllowed		

Relationships

AssetTypeAssetTypeLinkAllowed



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

Table Indexes

Name	Number of Fields
AssetTypeAssetTypeLinkAllowed	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	AssetTypeAssetTypeLinkAllowed
Primary:	False
Required:	False
Unique:	False
Fields:	AssetTypeIDLinkFrom, Ascending
AssetTypeLink	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetTypeLink
Primary:	False
Required:	False
Unique:	True



Fields:	AssetTypeIDLinkFrom, Ascending AssetTypeIDLinkTo, Ascending
AssetTypeLinkAllowed	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	AssetTypeLinkAllowed
Primary:	True
Required:	True
Unique:	True
Fields:	AssetTypeLinkAllowedID, Ascending

[illegible]

### Properties

Date Created:	10/21/1998 12:43:31 PM	Def. Updatable:	True
Description:	Contains history of which generated files need to uploaded for production updates	Last Updated:	09/27/2000 12:33:48 PM
OrderByOn:	False	RecordCount:	691
Validation Text:	Contains history of which generated files need to uploaded for production updates		

### Columns

Name	Type	Size
ChangeHistoryID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ChangeHistoryID	
Source Table:	ChangeHistory	
HomePageID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1080	
Decimal Places:	Auto	
Default Value:	0	
Description:	is the AssetID for AssetTypeID = Hpg in Asset table	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	HomePageID	
Source Table:	ChangeHistory	
ChangeHistoryDirectory	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	3225	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	

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Source Field:	ChangeHistoryDirectory		
Source Table:	ChangeHistory		
ChangeHistoryTimestamp		Text	50
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	1905		
DisplayControl:	Text Box		
Ordinal Position:	4		
Required:	False		
Source Field:	ChangeHistoryTimestamp		
Source Table:	ChangeHistory		
ChangeHistoryDateTime		Text	50
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2295		
DisplayControl:	Text Box		
Ordinal Position:	5		
Required:	False		
Source Field:	ChangeHistoryDateTime		
Source Table:	ChangeHistory		
ChangeHistoryFilename		Text	255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	2730		
DisplayControl:	Text Box		
Ordinal Position:	6		
Required:	False		
Source Field:	ChangeHistoryFilename		
Source Table:	ChangeHistory		

#### Table Indexes

Name	Number of Fields
ChangeHistory	1
Clustered:	False
Distinct Count:	691
Foreign:	False
Ignore Nulls:	False
Name:	ChangeHistory
Primary:	True
Required:	True

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Unique:	True
Fields:	ChangeHistoryID, Ascending
HomePageID	1
Clustered:	False
Distinct Count:	2
Foreign:	False
Ignore Nulls:	False
Name:	HomePageID
Primary:	False
Required:	False
Unique:	False
Fields:	HomePageID, Ascending

[illegible]

### Properties

Date Created:	09/20/1994 5:26:54 PM	Def. Updatable:	True
Description:	Basic details of Controls appearing in each generated file	Last Updated:	09/27/2000 12:34:08 PM
OrderByOn:	False	RecordCount:	345
Validation Text:	Basic details of Controls appearing in each generated file		

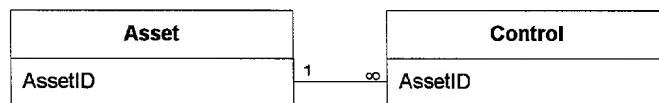
### Columns

Name	Type	Size
ControlID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ControlID	
Source Table:	Control	
TemplateControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [TemplateControlType].[TemplateControlTypeID] FROM [TemplateControlType];	
Source Field:	TemplateControlTypeID	
Source Table:	Control	

002007" 03482360

[illegible]

## AssetControl



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

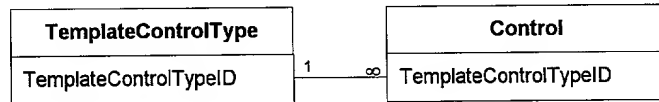
```

classDiagram
    class ControlDetail {
        ControlDetailID
    }
    class Control {
        ControlID
    }
    ControlDetail "1" -- "∞" Control : ControlDetailID

```

Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**TemplateControlTypeControl**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**Table Indexes**

Name	Number of Fields
AssetControl	1
Clustered:	False
Distinct Count:	1
Foreign:	True
Ignore Nulls:	False
Name:	AssetControl
Primary:	False
Required:	False
Unique:	False
Fields:	AssetID, Ascending
Control	1
Clustered:	False
Distinct Count:	345
Foreign:	False
Ignore Nulls:	False
Name:	Control
Primary:	True
Required:	True
Unique:	True
Fields:	ControlID, Ascending
ControlAsset	2
Clustered:	False
Distinct Count:	1
Foreign:	False
Ignore Nulls:	False
Name:	ControlAsset
Primary:	False
Required:	False
Unique:	True
Fields:	AssetID, Ascending TemplateControlTypeID, Ascending
ControlDetailControl	1
Clustered:	False
Distinct Count:	1
Foreign:	True
Ignore Nulls:	False

002007 8242960



Name:	ControlDetailControl
Primary:	False
Required:	False
Unique:	False
Fields:	ControlDetailID, Ascending
TemplateControlTypeControl	1
Clustered:	False
Distinct Count:	1
Foreign:	True
Ignore Nulls:	False
Name:	TemplateControlTypeControl
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateControlTypeID, Ascending

002007" 834432960

### Properties

Date Created:	07/25/2000 1:53:52 PM	Def. Updatable:	True
Description:	Default details of Controls appearing in Templates	Last Updated:	09/27/2000 12:34:24 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Default details of Controls appearing in Templates		

### Columns

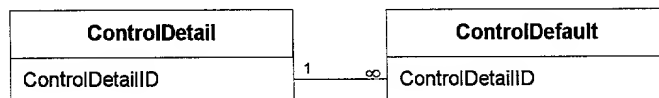
Name	Type	Size
ControlDefaultID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ControlDefaultID	
Source Table:	ControlDefault	
TemplateControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	TemplateControlTypeID	
Source Table:	ControlDefault	
OwnedByHomePageID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	OwnedByHomePageID	

002007" 82432350

Source Table:	ControlDefault		
ControlDefaultText		Memo	-
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Ordinal Position:	4		
Required:	False		
Source Field:	ControlDefaultText		
Source Table:	ControlDefault		
ControlDefaultTextTxt		Text	255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
DisplayControl:	Text Box		
Ordinal Position:	5		
Required:	False		
Source Field:	ControlDefaultTextTxt		
Source Table:	ControlDefault		
ControlDetailID		Number (Long)	4
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		
DisplayControl:	Text Box		
Ordinal Position:	6		
Required:	False		
Source Field:	ControlDetailID		
Source Table:	ControlDefault		

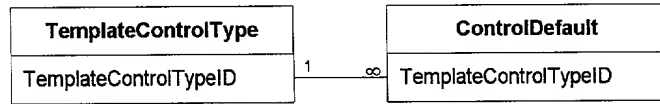
#### Relationships

**ControlDetailControlDefault**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**TemplateControlTypeControlDefault**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**Table Indexes**

Name	Number of Fields
ControlDefault	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	ControlDefault
Primary:	True
Required:	True
Unique:	True
Fields:	ControlDefaultID, Ascending
ControlDetailControlDefault	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	ControlDetailControlDefault
Primary:	False
Required:	False
Unique:	False
Fields:	ControlDetailID, Ascending
TemplateControlDefault	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateControlDefault
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateControlTypeID, Ascending OwnedByHomePageID, Ascending
TemplateControlTypeControlDefault	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False

Name:	TemplateControlTypeControlDefault
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateControlTypeID, Ascending

002007" 524B2960

Date Created:	06/29/2000 3:22:07 PM	Def. Updatable:	True
Description:	User defined details of Controls appearing in generated files	Last Updated:	09/27/2000 12:36:07 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	User defined details of Controls appearing in generated files		

Name	Type	Size
ControlDetailID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Caption:	ControlDetailID	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	ControlDetailID	
Source Table:	ControlDetail	
ControlDetailAlignment	Text	20
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	top, left ...and for Element: indicates Hdg or Detail	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	ControlDetailAlignment	
Source Table:	ControlDetail	
ControlDetailPosLeft	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	X coordinate	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	







Source Table:	ControlDetail		
ControlDetailFilename	Memo	-	
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	used by Fil, Imb, Bgr, Snf, Btn controls		
Ordinal Position:	12		
Required:	False		
Source Field:	ControlDetailFilename		
Source Table:	ControlDetail		
ControlDetailFilenameTxt	Text	255	
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	used by Fil, Imb, Bgr, Snf, Btn controls for Crystal Reports		
DisplayControl:	Text Box		
Ordinal Position:	13		
Required:	False		
Source Field:	ControlDetailFilenameTxt		
Source Table:	ControlDetail		
ControlDetailWidth	Number (Integer)	2	
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		
Description:	For TEXTAREA, would contain Columns property; needed for Video		
DisplayControl:	Text Box		
Ordinal Position:	14		
Required:	False		
Source Field:	ControlDetailWidth		
Source Table:	ControlDetail		
ControlDetailHeight	Number (Integer)	2	
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Decimal Places:	Auto		
Default Value:	0		

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Description:	For TEXTAREA, would contain Rows property; needed for Video	
DisplayControl:	Text Box	
Ordinal Position:	15	
Required:	False	
Source Field:	ControlDetailHeight	
Source Table:	ControlDetail	
ControlDetailIndent	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	16	
Required:	False	
Source Field:	ControlDetailIndent	
Source Table:	ControlDetail	
ControlDetailTextBoxPassword	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	Tx1 - Text Box One Line	
DisplayControl:	106	
Format:	Yes/No	
Ordinal Position:	17	
Required:	False	
Source Field:	ControlDetailTextBoxPassword	
Source Table:	ControlDetail	
ControlDetailCheckBoxChecked	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	maybe, if we accept check box controls	
DisplayControl:	106	
Format:	Yes/No	
Ordinal Position:	18	
Required:	False	
Source Field:	ControlDetailCheckBoxChecked	
Source Table:	ControlDetail	
ControlDetailRadioButtonSelected	Yes/No	1
AllowZeroLength:	False	

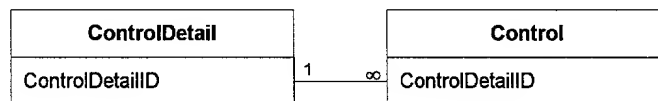
C:\@Personal Pro.mdb  
Table: ControlDetail

Attributes: Variable Length  
Collating Order: General  
ColumnHidden: False  
ColumnOrder: Default  
ColumnWidth: Default  
DisplayControl: Text Box  
Ordinal Position: 23  
Required: False  
Source Field: ControlDetailLoopOption  
Source Table: ControlDetail

ControlDetailAnimationIndic	Yes/No	1
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	May not be needed?	
DisplayControl:	106	
Format:	Yes/No	
Ordinal Position:	24	
Required:	False	
Source Field:	ControlDetailAnimationIndic	
Source Table:	ControlDetail	

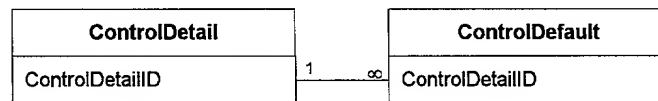
### Relationships

#### ControlDetailControl



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

#### ControlDetailControlDefault



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

### Table Indexes

Name	Number of Fields
_____	_____

002007" 84487950

ControlDetail	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	ControlDetail
Primary:	True
Required:	True
Unique:	True
Fields:	ControlDetailID, Ascending

[illegible]

### Properties

Date Created:	06/14/2000 11:33:01 AM	Def. Updatable:	True
Description:	Types of Controls supported throughout all Templates	Last Updated:	09/27/2000 12:36:46 PM
OrderByOn:	False	RecordCount:	46
Validation Text:	Types of Controls supported throughout all Templates		

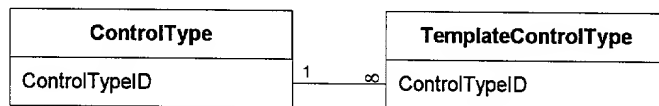
### Columns

Name	Type	Size
ControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	330	
Ordinal Position:	1	
Required:	False	
Source Field:	ControlTypeID	
Source Table:	ControlType	
ControlTypeCode	Text	3
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	540	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	ControlTypeCode	
Source Table:	ControlType	
ControlTypeDescription	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	3180	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	ControlTypeDescription	
Source Table:	ControlType	
ControlTypeComment	Text	255
AllowZeroLength:	False	

Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	5160
DisplayControl:	Text Box
Ordinal Position:	4
Required:	False
Source Field:	ControlTypeComment
Source Table:	ControlType

### Relationships

#### ControlTypeTemplateControlType



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

#### Reference



Attributes: Not Enforced  
Attributes: One-To-Many

### Table Indexes

Name	Number of Fields
ControlType	1
Clustered:	False
Distinct Count:	54
Foreign:	False
Ignore Nulls:	False
Name:	ControlType
Primary:	True
Required:	True
Unique:	True
Fields:	ControlTypeID, Ascending
ControlTypeCode	1
Clustered:	False
Distinct Count:	54
Foreign:	False

Ignore Nulls:	False
Name:	ControlTypeCode
Primary:	False
Required:	False
Unique:	True
Fields:	ControlTypeCode, Ascending



### Properties

Date Created:	06/21/2000 12:25:02 PM	Def. Updatable:	True
Description:	Contains file directory designations for generated files	Last Updated:	09/27/2000 12:37:04 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Contains file directory designations for generated files		

### Columns

Name	Type	Size
HomePageDirectoryID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	HomePageDirectoryID	
Source Table:	HomePageDirectory	
HomePageDirectoryUser	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2475	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	HomePageDirectoryUser	
Source Table:	HomePageDirectory	
TemplateGroupID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	Needed because user may want to experiment with multiple Template Groups	

DisplayControl:	Combo Box
Limit To List:	False
List Rows:	8
List Width:	1440twip
Ordinal Position:	3
Required:	False
Row Source Type:	Table/Query
Row Source:	SELECT DISTINCTROW [TemplateGroup].[TemplateGroupID] FROM [TemplateGroup];
Source Field:	TemplateGroupID
Source Table:	HomePageDirectory

HomePageID	Number (Long)	
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	Is the AssetID for AssetTypeID = Hpg in Asset table	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	4	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [HomePage].[HomePageID] FROM [HomePage];	
Source Field:	HomePageID	
Source Table:	HomePageDirectory	

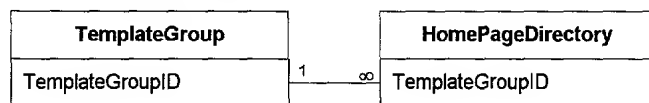
HomePageDirectoryOutputDev	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	For development and testing	
DisplayControl:	Text Box	
Ordinal Position:	5	
Required:	False	
Source Field:	HomePageDirectoryOutputDev	
Source Table:	HomePageDirectory	

HomePageDirectoryOutputProd	Text	255
-----------------------------	------	-----

AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	Staging for production, to be FTPed from		
DisplayControl:	Text Box		
Ordinal Position:	6		
Required:	False		
Source Field:	HomePageDirectoryOutputProd		
Source Table:	HomePageDirectory		
<hr/>			
HomePageDirectoryNextUsage	Text		255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	Indicates to generate for development/testing or for production		
DisplayControl:	Text Box		
Ordinal Position:	7		
Required:	False		
Source Field:	HomePageDirectoryNextUsage		
Source Table:	HomePageDirectory		
<hr/>			
HomePageDirectoryOutputFTP	Text		255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	To be FTPed into for the live Home Page		
DisplayControl:	Text Box		
Ordinal Position:	8		
Required:	False		
Source Field:	HomePageDirectoryOutputFTP		
Source Table:	HomePageDirectory		
<hr/>			
HomePageDirectoryTimestamp	Date/Time		8
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	Default		
Description:	The last time the Home Page's complete application was generated		
Format:	General Date		
Ordinal Position:	9		
Required:	False		
Source Field:	HomePageDirectoryTimestamp		
Source Table:	HomePageDirectory		

# Relationships

TemplateGroupHomePageDirectory



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

# Table Indexes

Name	Number of Fields
HomePageDirectory	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	HomePageDirectory
Primary:	True
Required:	True
Unique:	True
Fields:	HomePageDirectoryID, Ascending
HomePageUserTemplateGroupDirectory	3
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	HomePageUserTemplateGroupDirectory
Primary:	False
Required:	False
Unique:	True
Fields:	HomePageDirectoryUser, Ascending TemplateGroupID, Ascending HomePageID, Ascending
TemplateGroupHomePageDirectory	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateGroupHomePageDirectory
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateGroupID, Ascending

### Properties

Date Created:	11/26/1995 7:48:15 PM	Def. Updatable:	True
Description:	Contains the logic for individual Rules	Last Updated:	09/27/2000 12:37:22 PM
OrderByOn:	False	RecordCount:	200
Validation Text:	Contains the logic for individual Rules		

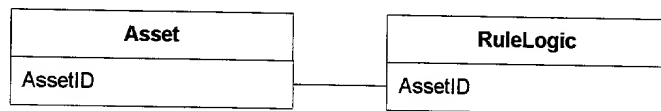
### Columns

Name	Type	Size
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	for each record, in Asset table must exist one record with AssetTypeID=Lgc and AssetID the same	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetID	
Source Table:	RuleLogic	
QuestionID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1140	
Decimal Places:	Auto	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	QuestionID	
Source Table:	RuleLogic	
RuleLogicRelOp	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1155	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	RuleLogicRelOp	

Source Table:	RuleLogic		
ResponseID		Number (Long)	4
AllowZeroLength:	False		
Attributes:	Fixed Size		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	1365		
Decimal Places:	Auto		
Default Value:	0		
DisplayControl:	Text Box		
Ordinal Position:	4		
Required:	False		
Source Field:	ResponseID		
Source Table:	RuleLogic		
RuleLogicOp		Text	50
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	1410		
DisplayControl:	Text Box		
Ordinal Position:	5		
Required:	False		
Source Field:	RuleLogicOp		
Source Table:	RuleLogic		

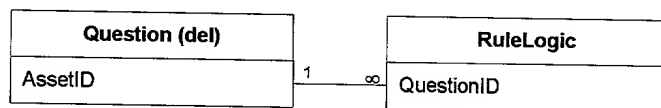
## Relationships

## AssetRuleLogic



Attributes:	Unique, Not Enforced
Attributes:	One-To-One

## QuestionRuleLogic



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

[illegible]

Name	Number of Fields
QuestionRuleLogic	1
Clustered:	False
Distinct Count:	47
Foreign:	True
Ignore Nulls:	False
Name:	QuestionRuleLogic
Primary:	False
Required:	False
Unique:	False
Fields:	QuestionID, Ascending
RuleLogic	1
Clustered:	False
Distinct Count:	200
Foreign:	False
Ignore Nulls:	False
Name:	RuleLogic
Primary:	True
Required:	True
Unique:	True
Fields:	AssetID, Ascending
RuleLogicResponseID	1
Clustered:	False
Distinct Count:	3
Foreign:	False
Ignore Nulls:	False
Name:	RuleLogicResponseID
Primary:	False
Required:	False
Unique:	False
Fields:	ResponseID, Ascending

### Properties

Date Created:	08/24/2000 10:21:40 AM	Def. Updatable:	True
Description:	Contains Site level properties	Last Updated:	09/27/2000 12:37:46 PM
OrderByOn:	False	RecordCount:	1
Validation Text:	Contains Site level properties		

### Columns

Name	Type	Size
AssetID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
Description:	For Access version, will be only one of these per .mdb file, and file name will be SiteName(AssetName)+.mdb	
DisplayControl:	Text Box	
Ordinal Position:	1	
Required:	False	
Source Field:	AssetID	
Source Table:	Site	
SiteDescription	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1590	
Description:	For internal documentation and reporting	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	SiteDescription	
Source Table:	Site	
SiteSsiSuffix	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Description:	Suffix (file extension) for generated files that reference a Server Side Include (SSI) file, needed by server, usually "shtml"	
DisplayControl:	Text Box	



Ordinal Position:	3
Required:	False
Source Field:	SiteSsiSuffix
Source Table:	Site

SiteCopyright Text 255

AllowZeroLength:	False
Attributes:	Variable Length
Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	4275
Description:	Default copyright statement for entire site
DisplayControl:	Text Box
Ordinal Position:	4
Required:	False
Source Field:	SiteCopyright
Source Table:	Site

## Relationships

## AssetSite



Attributes: Unique, Not Enforced  
Attributes: One-To-One

## Table Indexes

Name	Number of Fields
Site	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	Site
Primary:	True
Required:	True
Unique:	True
Fields:	AssetID, Ascending

### Properties

Date Created:	06/19/2000 11:02:03 AM	Def. Updatable:	True
Description:	Description of each active Template	Last Updated:	09/27/2000 12:38:03 PM
OrderByOn:	False	RecordCount:	22
Validation Text:	Description of each active Template		

### Columns

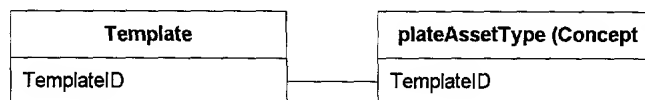
Name	Type	Size
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	435	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateID	
Source Table:	Template	
TemplateCode	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	885	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	TemplateCode	
Source Table:	Template	
TemplateDescription	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2085	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	TemplateDescription	
Source Table:	Template	
TemplateComment	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	

Collating Order:	General
ColumnHidden:	False
ColumnOrder:	Default
ColumnWidth:	5310
DisplayControl:	Text Box
Ordinal Position:	4
Required:	False
Source Field:	TemplateComment
Source Table:	Template

TemplateFilename		Text	255
AllowZeroLength:	False		
Attributes:	Variable Length		
Collating Order:	General		
ColumnHidden:	False		
ColumnOrder:	Default		
ColumnWidth:	585		
DisplayControl:	Text Box		
Ordinal Position:	5		
Required:	False		
Source Field:	TemplateFilename		
Source Table:	Template		

#### Relationships

##### Reference3



Attributes:	Not Enforced
Attributes:	One-To-One

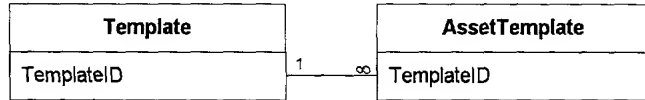
##### Reference5



Attributes:	Not Enforced
Attributes:	One-To-Many

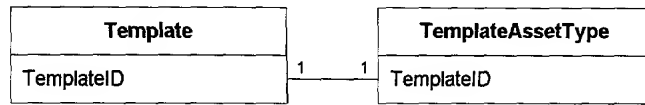
000001" 000000

**TemplateAssetTemplate**



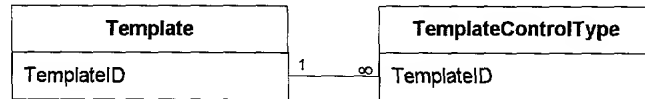
Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**TemplateTemplateAssetType**



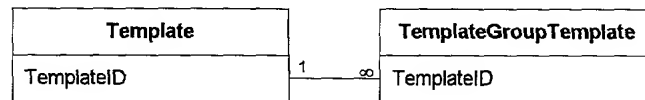
Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-One

**TemplateTemplateControlType**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**TemplateTemplateGroupTemplate**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**Table Indexes**

Name	Number of Fields
Template	1
Clustered:	False
Distinct Count:	23
Foreign:	False
Ignore Nulls:	False
Name:	Template
Primary:	True

Required:	True
Unique:	True
Fields:	TemplateID, Ascending
TemplateCode	1
Clustered:	False
Distinct Count:	23
Foreign:	False
Ignore Nulls:	False
Name:	TemplateCode
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateCode, Ascending

**Abstract**

### Properties

Date Created:	06/21/2000 11:54:43 AM	Def. Updatable:	True
Description:	Defines the relationships between Templates and Assets	Last Updated:	09/27/2000 12:38:18 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Defines the relationships between Templates and Assets		

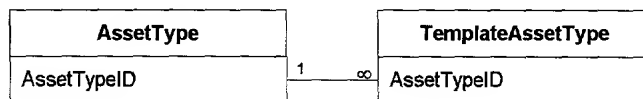
### Columns

Name	Type	Size
TemplateAssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateAssetTypeID	
Source Table:	TemplateAssetType	
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [Template].[TemplateID] FROM [Template];	
Source Field:	TemplateID	
Source Table:	TemplateAssetType	
AssetTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	

Collating Order: General  
Column Count: 1  
Column Heads: False  
Column Widths: 1440  
ColumnHidden: False  
ColumnOrder: Default  
ColumnWidth: Default  
Decimal Places: Auto  
Default Value: 0  
DisplayControl: Combo Box  
Limit To List: False  
List Rows: 8  
List Width: 1440twip  
Ordinal Position: 3  
Required: False  
Row Source Type: Table/Query  
Row Source: SELECT DISTINCTROW [AssetType].[AssetTypeID] FROM [AssetType];  
Source Field: AssetTypeID  
Source Table: TemplateAssetType

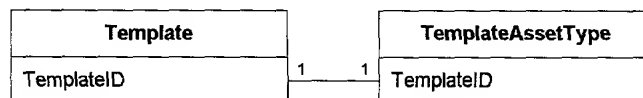
#### Relationships

##### AssetTypeTemplateAssetType



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

##### TemplateTemplateAssetType



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-One

#### Table Indexes

Name	Number of Fields
AssetTypeTemplateAssetType	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False

DD2007-09-27 13:43:36

Name:	AssetTypeTemplateAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	AssetTypeID, Ascending
TemplateAssetType	1
Clustered:	False
Distinct Count:	1
Foreign:	False
Ignore Nulls:	False
Name:	TemplateAssetType
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateAssetTypeID, Ascending
TemplateLink	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateLink
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateID, Ascending
TemplateTemplateAssetType	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateTemplateAssetType
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending



#### Properties

Date Created:	06/21/2000 11:58:43 AM	Def. Updatable:	True
Description:	Identifies which Control Types are contained in which Templates	Last Updated:	09/27/2000 12:38:36 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Identifies which Control Types are contained in which Templates		

#### Columns

Name	Type	Size
TemplateControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateControlTypeID	
Source Table:	TemplateControlType	
TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [Template].[TemplateID] FROM [Template];	
Source Field:	TemplateID	
Source Table:	TemplateControlType	
ControlTypeID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	

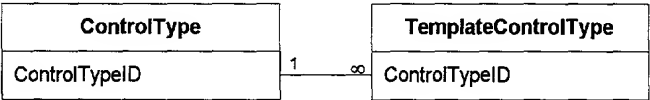
Collating Order: General  
Column Count: 2  
Column Heads: False  
Column Widths: 0;1440  
ColumnHidden: False  
ColumnOrder: Default  
ColumnWidth: Default  
Decimal Places: Auto  
Default Value: 0  
DisplayControl: Combo Box  
Limit To List: True  
List Rows: 8  
List Width: 1440twip  
Ordinal Position: 3  
Required: False  
Row Source Type: Table/Query  
Row Source: SELECT DISTINCTROW [ControlType].[ControlTypeID],  
[ControlType].[ControlType] FROM [ControlType];  
Source Field: ControlTypeID  
Source Table: TemplateControlType

TemplateControlTypeSeq	Number (Integer)	2
AllowZeroLength:	False	
Attributes:	Fixed Size	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Text Box	
Ordinal Position:	4	
Required:	False	
Source Field:	TemplateControlTypeSeq	
Source Table:	TemplateControlType	

TemplateControlTypeDescription	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
DisplayControl:	Text Box	
Ordinal Position:	5	
Required:	False	
Source Field:	TemplateControlTypeDescription	
Source Table:	TemplateControlType	

# Relationships

ControlTypeTemplateControlType



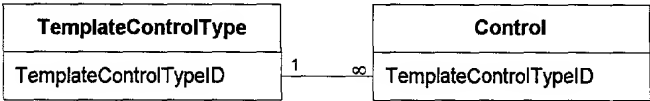
Attributes:

Attributes:

Enforced, Cascade Updates, Cascade Deletes

One-To-Many

TemplateControlTypeControl



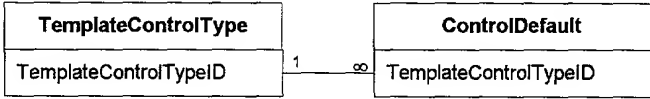
Attributes:

Attributes:

Enforced, Cascade Updates, Cascade Deletes

One-To-Many

TemplateControlTypeControlDefault



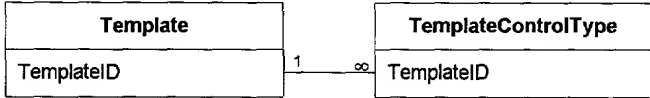
Attributes:

Attributes:

Enforced, Cascade Updates, Cascade Deletes

One-To-Many

TemplateTemplateControlType



Attributes:

Attributes:

Enforced, Cascade Updates, Cascade Deletes

One-To-Many

Table Indexes

Name	Number of Fields
ControlTypeTemplateControlType	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	ControlTypeTemplateControlType
Primary:	False

Required:	False
Unique:	False
Fields:	ControlTypeID, Ascending
TemplateControlType	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateControlType
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateControlTypeID, Ascending
TemplateControlTypeLink	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateControlTypeLink
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateID, Ascending TemplateControlTypeSeq, Ascending
TemplateTemplateControlType	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateTemplateControlType
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending

**Properties**

Date Created:	06/21/2000 12:13:07 PM	Def. Updatable:	True
Description:	Describes groups of Templates	Last Updated:	09/27/2000 12:38:52 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Describes groups of Templates		

**Columns**

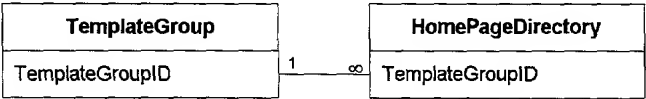
Name	Type	Size
TemplateGroupID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	Default	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateGroupID	
Source Table:	TemplateGroup	
TemplateGroupCode	Text	10
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2130	
DisplayControl:	Text Box	
Ordinal Position:	2	
Required:	False	
Source Field:	TemplateGroupCode	
Source Table:	TemplateGroup	
TemplateGroupDescription	Text	50
AllowZeroLength:	False	
Attributes:	Variable Length	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2700	
DisplayControl:	Text Box	
Ordinal Position:	3	
Required:	False	
Source Field:	TemplateGroupDescription	
Source Table:	TemplateGroup	
TemplateGroupComment	Text	255
AllowZeroLength:	False	
Attributes:	Variable Length	

0022001" 82437360

Collating Order: General  
ColumnHidden: False  
ColumnOrder: Default  
ColumnWidth: 2550  
DisplayControl: Text Box  
Ordinal Position: 4  
Required: False  
Source Field: TemplateGroupComment  
Source Table: TemplateGroup

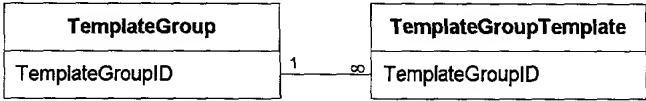
**Relationships**

**TemplateGroupHomePageDirectory**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**TemplateGroupTemplateGroupTemplate**



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

**Table Indexes**

Name	Number of Fields
TemplateGroup	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateGroup
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateGroupID, Ascending
TemplateGroupCode	1
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False

Name:	TemplateGroupCode
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateGroupCode, Ascending

000001" 8243/960

### Properties

Date Created:	06/21/2000 12:13:59 PM	Def. Updatable:	True
Description:	Identifies which Templates are grouped together into Template Groups	Last Updated:	09/27/2000 12:39:09 PM
OrderByOn:	False	RecordCount:	0
Validation Text:	Identifies which Templates are grouped together into Template Groups		

### Columns

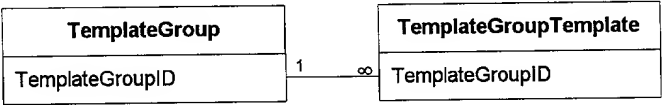
Name	Type	Size
TemplateGroupTemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size, Auto-Increment	
Collating Order:	General	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	2730	
Ordinal Position:	1	
Required:	False	
Source Field:	TemplateGroupTemplateID	
Source Table:	TemplateGroupTemplate	
TemplateGroupID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1830	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	2	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [TemplateGroup].[TemplateGroupID] FROM [TemplateGroup];	
Source Field:	TemplateGroupID	
Source Table:	TemplateGroupTemplate	



TemplateID	Number (Long)	4
AllowZeroLength:	False	
Attributes:	Fixed Size	
Bound Column:	1	
Collating Order:	General	
Column Count:	1	
Column Heads:	False	
Column Widths:	1440	
ColumnHidden:	False	
ColumnOrder:	Default	
ColumnWidth:	1245	
Decimal Places:	Auto	
Default Value:	0	
DisplayControl:	Combo Box	
Limit To List:	False	
List Rows:	8	
List Width:	1440twip	
Ordinal Position:	3	
Required:	False	
Row Source Type:	Table/Query	
Row Source:	SELECT DISTINCTROW [Template].[TemplateID] FROM [Template];	
Source Field:	TemplateID	
Source Table:	TemplateGroupTemplate	

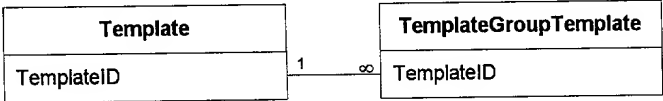
Relationships

TemplateGroupTemplateGroupTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

TemplateTemplateGroupTemplate



Attributes: Enforced, Cascade Updates, Cascade Deletes  
Attributes: One-To-Many

Table Indexes

Name	Number of Fields
TemplateGroupTemplate	1
Clustered:	False

Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateGroupTemplate
Primary:	True
Required:	True
Unique:	True
Fields:	TemplateGroupTemplateID, Ascending
TemplateGroupTemplateGroupTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateGroupTemplateGroupTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateGroupID, Ascending
TemplateGroupTemplateLink	2
Clustered:	False
Distinct Count:	0
Foreign:	False
Ignore Nulls:	False
Name:	TemplateGroupTemplateLink
Primary:	False
Required:	False
Unique:	True
Fields:	TemplateGroupID, Ascending TemplateID, Ascending
TemplateTemplateGroupTemplate	1
Clustered:	False
Distinct Count:	0
Foreign:	True
Ignore Nulls:	False
Name:	TemplateTemplateGroupTemplate
Primary:	False
Required:	False
Unique:	False
Fields:	TemplateID, Ascending